

CLAIMS:

What is claimed is:

- 5 1. A method for providing access to alternate formats within an electronic document, comprising:
 - parsing an electronic document;
 - parsing an alternate format attribute of a image element in the electronic document;
 - 10 displaying the electronic document, wherein the electronic document contains a default image corresponding to said image element;
 - specifying a user interface, wherein the user interface allows a user to select alternate formats of
 - 15 the image;
 - presenting the user interface in response to a user input command; and
 - responsive to receiving user selection, replacing the default image with an alternate representation
 - 20 generated from the alternate format attribute.
2. The method according to claim 1, wherein the step of parsing the electronic document further comprises creating a document object model.
- 25 3. The method according to claim 1, wherein the image is a pictorial representation.
4. The method according to claim 1, wherein the image
- 30 is a video clip.
5. The method according to claim 1, wherein the user

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interface is a visual menu.

6. The method according to claim 1, wherein the user interface is an audio list.

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7. The method according to claim 1, wherein the user interface is a tactile menu.

8. The method according to claim 1, wherein the user interface is presented in response to a right click on a computer mouse.

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9. The method according to claim 1, wherein the alternate formats comprise text, audio, and tactile formats.

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10. A method for accessing alternate formats within an electronic document, comprising:

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receiving a display of an electronic document which contains a default image;

entering an input command and receiving a user interface in response, wherein the user interface allows selection of alternate formats for the default image contained in the electronic document;

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selecting an alternative format from the user interface; and

displaying an alternate representation, in the selected alternate format, in place of the default image in the electronic document.

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11. The method according to claim 10, wherein the default image is a pictorial representation.

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12. The method according to claim 10, wherein the default image is a video clip.

5 13. The method according to claim 10, wherein the user interface is a visual menu.

14. The method according to claim 11, wherein the user interface is an audio list.

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15. The method according to claim 11, wherein the user interface is a tactile menu.

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16. The method according to claim 11, wherein the user interface is received in response to a right click on a computer mouse.

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17. The method according to claim 11, wherein the alternate formats comprise text, audio, and tactile formats.

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18. A computer program product in a computer readable medium for use in a data processing system, for providing access to alternate formats within an electronic document, the computer program product comprising:

instructions for parsing an electronic document;

instructions for parsing an alternate format

attribute of an image element in the electronic document;

instructions for displaying the electronic document,

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wherein the electronic document contains a default image corresponding to said image element;

instructions for specifying a user interface,

wherein the user interface allows a user to select

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alternative formats of the image;

instructions for presenting the user interface in response to a user input command; and

responsive to receiving user selection input,

- 5 instructions for replacing the default image with an alternate representation generated from the alternate format attribute.

19. A computer program product in a computer readable medium for use in a data processing system, for accessing alternate formats within an electronic document, comprising:

instructions for receiving a display of an electronic document which contains a default image;

- 15 instructions for entering an input command and receiving a user interface in response, wherein the user interface allows selection of alternate formats for the default image contained in the electronic document;

- 20 instructions for selecting an alternative format from the user interface; and

instructions for displaying an alternate representation, in the selected alternate format, in place of the default image in the electronic document.

- 25 20. A system for providing access to alternate formats within an electronic document, comprising:

a first parser which parses an electronic document;

a second parser which parses an alternate format attribute of an image element in the electronic document;

- 30 a display mechanism which displays the electronic document, wherein the electronic document contains a default image corresponding to said image element;

a processing component which specifies a user

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interface, wherein the user interface allows a user to select alternative formats of the image;

a feedback component which presents the user interface in response to a user input command; and

- 5 an image changer which, responsive to receiving user selection input, replaces the default image with an alternate representation generated from the alternate format attribute.

- 10 21. A system for accessing alternate formats within an electronic document, comprising:

a display device which receives and displays an electronic document which contains a default image;

- 15 an input/output component which enters an input command and receives a user interface in response, wherein the user interface allows selection of alternate formats for the default image contained in the electronic document;

- 20 a selector which selects an alternative format from the user interface; and

a receiving component which receives and displays an alternate representation, in the selected alternate format, in place of the default image in the electronic document.